



State of Vermont

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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Hazardous Materials Management Division
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August 22, 1994

Roger K. Hirschhorn
Gibraltar Management Co.
150 White Plains Road
Tarrytown, NY 10591

RE: Report on Supplemental Groundwater Sampling at Brattleboro North Plaza
(Site #94-1673) 1613

Dear Mr. Hirschhorn:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has received and reviewed the Haley and Aldrich June 15 report titled, "Report on Supplemental Groundwater Sampling" prepared for the Brattleboro North Plaza. Based on the information contained within this report, the SMS has determined the following:

- Tetrachloroethylene (PCE) has been detected in groundwater samples taken from MW-102 during the March 1994 and May 1994 sampling events. Both samples contained levels of PCE which exceeded VT Groundwater Enforcement Standards. The SMS believes that the source of the PCE contamination may have originated from drycleaning facilities at the former laundromat which was located on the property.
- Antimony has been detected in five of the six groundwater samples obtained in both sampling rounds which confirms that antimony is present in groundwater. The levels of contamination are relatively low and uniform in all three monitoring wells. The source of the antimony has not yet been determined as there are no known or suspected releases at this site.
- PCBs were detected in MW-102 during the initial sampling round, but not during the second sampling round. Reportedly, there are no known or suspected releases of PCBs at this site.
- There is an underground storage tank (UST), the size of the UST and the type of product stored in the UST were not reported, associated with the laundromat which has been out of service for an undetermined length of time. According to the VT UST Regulations section 8-605 (2)(b), "The owner of an UST system which has not been used for a period not to exceed one year, shall permanently close the UST system." A second UST associated with the Ames department store, also of unknown size and product type, has not been registered with the VT UST Program. This may have been required.

Based on the above information, the SMS has determined that some additional work is necessary at the site in order to determine the severity of contamination present. Therefore the SMS is requesting that Gibraltar Management Co., retain the services of a qualified environmental consultant to perform the following:

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- Determine the degree and extent of contamination to groundwater. Since there is confirmed evidence of PCE contamination in the groundwater, a sufficient number of monitoring wells should be installed in locations which will adequately define the severity of PCE contamination at the site. Collect another round of groundwater samples including sampling the newly installed monitoring wells. All groundwater samples taken should be laboratory analyzed for volatile organic compounds, as well as for antimony and PCBs. The lab analysis for antimony should be used to determine if the source of antimony is from natural background levels or if it was introduced by some past practice at the site. The lab analysis for PCBs should be used to confirm whether PCBs are actually present at the site.

- Additionally, your consultant should perform a historical evaluation into the past uses of the property in an attempt to obtain a better understanding into the possible source of the PCE, PCBs, and antimony which have been identified at the site.

- If the UST associated with the former laundromat has been out of service for more than one year, then it is potentially in violation of VT UST Regulations, and must be removed immediately. Please contact the VT UST Program at 241-3888 if the UST needs to be removed.

- Notify the VT UST Program of the existence of the second UST associated with the Ames department store.

The SMS looks forward to the completion of this work. If you have any questions, please feel free to call.

Sincerely,



Richard Spiese, Acting Supervisor
Sites Management Section

cc: David Dearden, Haley & Aldrich, Inc.
Brattleboro Selectboard
DEC Regional Office

RS:mm/wp/941613wp2